



SEQUENCE LISTING

<110> Hasel, Karl W.
Hilbush, Brian S.

<120> Method For Indexing And Determining
The Relative Concentration Of Expressed Messenger RNAs

<130> 98,429

<140> US 09/186,869

<141> 1998-11-04

<160> 51

<170> PatentIn Ver. 2.0

<210> 1

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic
primer

<400> 1

aactggaaga attc

14

<210> 2

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic
primer

<400> 2

gaattcaact ggaa

14

<210> 3

<211> 46

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic
primer

<400> 3

aactggaaga attgcgggcc gcaggaattt tttttttttt tttttv

46

<210> 4

<211> 47

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_feature
<222> 47
<223> Description of Artificial Sequence:synthetic
primer in which n can represent A, C, G, or T.

<400> 4
aactggaaga attcgcggcc gcaggaattt tttttttttt tttttvn 47

<210> 5
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> 47-48
<223> Description of Artificial Sequence:synthetic
primer. All n's can represent A, C, G, or T.

<400> 5
aactggaaga attcgcggcc gcaggaattt tttttttttt tttttvnn 48

<210> 6
<211> 47
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:synthetic
primer

<400> 6
gaattcaact ggaagcggcc cgcaggaatt tttttttttt ttttttv 47

<210> 7
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> 48
<223> Description of Artificial Sequence:synthetic
primer in which n can represent A, C, G, or T.

<400> 7
gaattcaact ggaagcggcc cgcaggaatt tttttttttt tttttvn 48

<210> 8
<211> 49
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> 48-49
<223> Description of Artificial Sequence:synthetic

primer. All n's can represent A, C, G, or T.

<400> 8
gaattcaact ggaagcggcc cgcaggaatt tttttttttt ttttttvnn 49

<210> 9
<211> 116
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:synthetic
primer

<400> 9
gagctccacc gcggtgtcac gactatctgc ggccgcatgc ccgggaatgg cgcctcgaga 60
cgtctttatc gataccgtcg acctcgaact cgagacgtcc cgggcgccta ggtacc 116

<210> 10
<211> 113
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:synthetic
primer

<400> 10
gagctcgttt tcccagtcac gactatctgc ggccgcatgc ccgggaatgg cgcctcgaga 60
cgttatcgat tagcctgact gaagactcga gacgtcccgg gcgcctaggt acc 113

<210> 11
113
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:synthetic
primer

<400> 11
gagctcgttt tcccagtcac gactatctgc ggccgcatgc ccgggaatgg cgcctcgaga 60
cgtctatatc gattagcctg actgaagact cgagacgtcc cgggctaggt acc 113

<210> 12
113
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:synthetic
primer

<400> 12
gcggccgcat agatctgata tcggatcctc accacagagc tcagtgagag agatctctcg 60

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62

<210> 13

<211> 62

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:synthetic
primer

<400> 13

gcggccgcat ccatgggata tcgcatgctc accacagtcg acagtggagag ccatggctcg 60

ag 62

<210> 14

<211> 16

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:synthetic
primer

<400> 14

aggtcgacgg tatcgg 16

<210> 15

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_feature

<222> 17

<223> Description of Artificial Sequence:synthetic
primer in which n can represent A, C, G, or T.

<400> 15

aggtcgacgg tatcggn 17

<210> 16

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_feature

<222> 17-18

<223> Description of Artificial Sequence:synthetic
primer. All n's can represent A, C, G, or T.

<400> 16

aggtcgacgg tatcggn 18

<210> 17

<211> 19

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<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> 17-19
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primer. All n's can represent A, C, G, or T.

<400> 17
aggtcgacgg tatcggnnn

19

<210> 18
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> 17-20
<223> Description of Artificial Sequence:synthetic
primer. All n's can represent A, C, G, or T.

<400> 18
aggtcgacgg tatcggnnnn

20

<210> 19
<211> 21
<212> DNA
<213> Artificial Sequence

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<221> misc_feature
<222> 17-21
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primer. All n's can represent A, C, G, or T.

<400> 19
aggtcgacgg tatcggnnnn n

21

<210> 20
<211> 22
<212> DNA
<213> Artificial Sequence

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<221> misc_feature
<222> 17-22
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primer. All n's can represent A, C, G, or T.

<400> 20
aggtcgacgg tatcggnnnn nn

22

<210> 21
<211> 15
<212> DNA

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic primer.

<400> 21

ggtcgacggt atcgg

15

<210> 22

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_feature

<222> 16

<223> Description of Artificial Sequence:synthetic primer in which n can represent A, C, G, or T.

<400> 22

ggtcgacggt atcggn

16

<210> 23

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_feature

<222> 15-16

<223> Description of Artificial Sequence:synthetic primer. All n's can represent A, C, G, or T.

<400> 23

gtcgacggta tcggnn

16

<210> 24

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_feature

<222> 14-16

<223> Description of Artificial Sequence:synthetic primer. All n's can represent A, C, G, or T.

<400> 24

tcgacggtat cggnnn

16

<210> 25

<211> 16

<212> DNA

<213> Artificial Sequence

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D1

<220>
<221> misc_feature
<222> 13-16
<223> Description of Artificial Sequence:synthetic
primer. All n's can represent A, C, G, or T.

<400> 25
cgacggtatc gnnnnn

16

<210> 26
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> 12-16
<223> Description of Artificial Sequence:synthetic
primer. All n's can represent A, C, G, or T.

<400> 26
gacggtatcg gnnnnn

16

<210> 27
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> 11-16
<223> Description of Artificial Sequence:synthetic
primer. All n's can represent A, C, G, or T.

<400> 27
acggtatcgg nnnnnn

16

<210> 28
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:synthetic
primer

<400> 28
agctctgtgg tgaggatc

18

<210> 29
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature

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D1

<222> 18
<223> Description of Artificial Sequence:synthetic
primer in which n can represent A, C, G, or T.

<400> 29
gctctgtggt gaggatcn 18

<210> 30
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> 17-18
<223> Description of Artificial Sequence:synthetic
primer. All n's can represent A, C, G, or T.

<400> 30
ctctgtggtg aggatcnn 18

<210> 31
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> 16-18
<223> Description of Artificial Sequence:synthetic
primer. All n's can represent A, C, G, or T.

<400> 31
tctgtggtga ggatcnnn 18

<210> 32
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> 15-18
<223> Description of Artificial Sequence:synthetic
primer. All n's can represent A, C, G, or T.

<400> 32
ctgtggtgag gatcnnnn 18

<210> 33
<211> 18
<212> DNA
<213> Artificial Sequence

<220>

<221> misc_feature
<222> 14-18
<223> Description of Artificial Sequence:synthetic
primer. All n's can represent A, C, G, or T.

<400> 33
tgtggtgagg atcnnnnn

18

<210> 34
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
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<222> 13-18
<223> Description of Artificial Sequence:synthetic
primer. All n's can represent A, C, G, or T.

<400> 34
gtggtgagga tcnnnnnn

18

<210> 35
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:synthetic
primer

<400> 35
tcgactgtgg tgagcatg

18

<210> 36
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> 18
<223> Description of Artificial Sequence:synthetic
primer in which n can represent A, C, G, or T.

<400> 36
cgactgtggt gagcatgn

18

<210> 37
<211> 18
<212> DNA
<213> Artificial Sequence

<220>

<221> misc_feature
<222> 17-18
<223> Description of Artificial Sequence:synthetic
primer. All n's can represent A, C, G, or T.

<400> 37
gactgtggtg agcatgnn

18

<210> 38
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> 16-18
<223> Description of Artificial Sequence:synthetic
primer. All n's can represent A, C, G, or T.

<400> 38
actgtggtga gcatgnnn

18

<210> 39
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> 15-18
<223> Description of Artificial Sequence:synthetic
primer. All n's can represent A, C, G, or T.

<400> 39
ctgtggtgag catgnnnn

18

<210> 40
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> 14-18
<223> Description of Artificial Sequence:synthetic
primer. All n's can represent A, C, G, or T.

<400> 40
tgtggtgagc atgnnnnn

18

Cont
D1

<210> 41
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> 13-18
<223> Description of Artificial Sequence:synthetic
primer. All n's can represent A, C, G, or T.

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<400> 41
gtggtgagca tgnnnnnn

18

<210> 42
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:synthetic
primer

<400> 42
cgacggtatc ggggtg

16

<210> 43
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:synthetic
primer

<400> 43
cgacggtatc ggtgca

16

<210> 44
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:synthetic
primer

<400> 44
cgacggtatc ggagca

16

<210> 45
<211> 16

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:synthetic
primer

<400> 45
cgacggtatc ggggggt 16

<210> 46
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:synthetic
primer

<400> 46
cgacggtatc ggctca 16

<210> 47
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:synthetic
primer

<400> 47
gagctccacc gcggt 15

<210> 48
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:synthetic
primer

<400> 48
gagctcgttt tcccag 16

<210> 49
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature

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<222> 22

<223> Description of Artificial Sequence:synthetic
primer in which n can represent A, C, G, or T.

<400> 49

gtcttcagtc aggctaatacg gn

22

<210> 50

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_feature

<222> 22

<223> Description of Artificial Sequence:synthetic
primer in which n can represent A, C, G, or T.

<400> 50

cctcgaggtc gacggtatcg gn

22

<210> 51

<211> 481

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic
primer

<400> 51

gtcgcaggta tcggctcaag tgactgactg tctagaactt taccattacg gagagatgat 60
gatcagtaac caagattatc ttggactatc tttaggttct ttaaaaaac tgcttattac 120
caacctttgt agctgaccta agatctttgt gcctgttatg taaaaagttt ggaatgtatt 180
gttaaaactta gccaacgact ggcttttcag cagtgcctcaa aagaagagta tcatcagctg 240
gagattttcc tgctatgctg tagcctacct ccccgatgtc ctttccgcta tatttggcaa 300
atgtattgat ttatgggtctt ttgttctatg gctataagac tgcgtgtaaa cctctttcac 360
agtagaacat gtaattctgg gaaacccgaa tctctgttac taagcactat tcaactcaaag 420
ttgcctcaga ataaactttc tttgggtttt aaaaaaaaaa aaaaaaaatt cctgcggccg 480
c 481